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CENTRAL INTELLIGENCE AGENCY

REPORT

50X1-HUM

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SOURCE Lichinkoyadnyye Ryby Sredney Azii, 1947.

LARVIVOROUS FISH OF CENTRAL ASIA (TURKESTAN)

G. U. Lindberg

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There is a constantly increasing interest in the possibility of utilizing fish in the fight against malaria. As early as 1925, I. V. Vasil'yev and I. A. Porchinskiy acclimatized the Gambusia, thus originating a new field of artifically induced natural enemies of malaria larvae.

The effectiveness of the program has been the reason for several Academy of Sciences' expeditions being sent to various parts of the USSR to study the feeding habits of fish and to determine those most effective in destroying mosquito larvae. In 1933 the Kirgiz Combined Expedition established the value of the Alburnoides taeniatus Kessler as a natural enemy of mosquito larvae. Extensive research on this fish was also conducted at the Andizhan Tropical Station under supervision of I. F. Lushnikov and N. Ye. Smechilin. Several other types of fish suitable for larviphagic purposes were also ascertained.

This booklet contains data obtained in cooperation with workers of various malaria stations of Central Asia. Some data were also obtained from the collected material of the Institute of Zoology, Academy of Sciences USSR.

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Genus Aspiolucius
Genus Aspius
Genus Gobio (gudgeon)
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Genus Varicorhinus
Genus Barbus (barbel)
Genus Schizothorax
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